

# Css Utility Classes

Play+ provides an extensive set of utility classes for spacing, layout, and styling. These classes follow a consistent naming convention and are designed to work seamlessly with the grid system.

## Spacing Utilities

The spacing system uses a scale based on rem units, providing consistent spacing across your application.

## Spacing Scale

| Class | Size | Value         |
|-------|------|---------------|
| 0     | 0    | 0rem          |
| 1     | 0.25 | 0.25rem (4px) |
| 2     | 0.5  | 0.5rem (8px)  |
| 3     | 1    | 1rem (16px)   |
| 4     | 1.5  | 1.5rem (24px) |
| 5     | 3    | 3rem (48px)   |
| 6     | 3.5  | 3.5rem (56px) |
| 7     | 4    | 4rem (64px)   |
| 8     | 5    | 5rem (80px)   |
| 9     | 6    | 6rem (96px)   |
| 10    | 8    | 8rem (128px)  |
| 11    | 10   | 10rem (160px) |
| 12    | 12   | 12rem (192px) |
| 13    | 14   | 14rem (224px) |
| 14    | 16   | 16rem (256px) |

## **Margin Utilities**

### **All Sides**

### **Individual Sides**

### **Horizontal and Vertical**

### **Auto Margins**

### **Negative Margins**

## **Padding Utilities**

### **All Sides**

### **Individual Sides**

### **Horizontal and Vertical**

## **Responsive Spacing**

All spacing utilities are available with responsive prefixes:

## **Responsive Breakpoints**

- sm- ( $\geq 576\text{px}$ )
- md- ( $\geq 768\text{px}$ )
- lg- ( $\geq 992\text{px}$ )
- xl- ( $\geq 1200\text{px}$ )
- xxl- ( $\geq 1400\text{px}$ )

## **Grid Gutters**

### **Gutter Classes**

### **Directional Gutters**

**Responsive Gutters**

**Display Utilities**

**Display Classes**

**Responsive Display**

**Flexbox Utilities**

**Flex Direction**

**Flex Wrap**

**Justify Content**

**Align Items**

**Align Self**

**Flex Fill**

**Text Utilities**

**Text Alignment**

**Text Transform**

**Font Weight**

**Font Style**

**Position Utilities**

**Position Classes**

**Top, Right, Bottom, Left**

## **Examples**

### **Card with Spacing**

### **Responsive Layout**

### **Navigation Bar**

### **Best Practices**

- Consistent spacing : Use the spacing scale consistently throughout your application
- Responsive design : Always consider how spacing works across different screen sizes
- Semantic meaning : Use spacing to create visual hierarchy and improve readability
- Performance : Utility classes are optimized for performance and bundle size
- Maintainability : Use utility classes instead of custom CSS when possible

### **Customization**

You can customize the spacing scale by modifying CSS custom properties:

This allows you to maintain consistency while adapting the spacing to your design system.